

New nucleotide sequences encoding the ptsH gene**Abstract**

The invention relates to an isolated polynucleotide containing a polynucleotide sequence selected from the group comprising

- a) polynucleotide which is at least 70 % identical to a polynucleotide which codes for a polypeptide containing the amino acid sequence of SEQ ID no. 2,
- b) polynucleotide which codes for a polypeptide containing an amino acid sequence which is at least 70 % identical to the amino acid sequence of SEQ ID no.2,
- c) polynucleotide which is complementary to the polynucleotides of a) or b), and
- d) polynucleotide containing at least 15 successive nucleotides of the polynucleotide sequence of a), b) or c),

and a process for the fermentative production of L-amino acids with enhancement of the ptsH gene coding for component H of the phosphotransferase system, and the use of the above polynucleotides as primer or hybridisation probe.

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